

+

Approved for use through 10/31/2002. OMB 0651-0031

$$+ \#3$$
Complete if Known

Application Number	09/579 217
Filing Date	5/26/00
First Named Inventor	SZABO
Group Art Unit	2776 2/73
Examiner Name	
Attorney Docket Number	SZABO 216

Sheet	1	of	5	Attorney Docket Number	SZABO 216
-------	---	----	---	------------------------	-----------

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
XLB		5724521		DEDRICK	3/3/98	705/26
XLB		5615341		AGRAWAL ETAL	3/25/97	705/10
XLB		5796209		KHAN ET AL	8/18/98	313/493
XLB		5724573		AGRAWAL ETAL	3/3/98	707/6
XLB		5812997		MORIMOTO ETAL	9/22/98	707/2
XLB		5844305		SHIN ETAL	12/1/98	257/676
XLB		5021976		WEXELBLAT ETAL	6/4/91	345/853
XLB		5297253		MEISEL	3/22/94	345/854
XLB		5963965		VOGEL	10/5/99	715/501
XLB		5812134		POOSER ETAL	9/22/98	345/848
XLB		5774357		HOFFBERG ETAL	6/30/98	713/600
XLB		5855015		SHOHAM	12/29/98	707/5
XLB		5890152		RAPAPORT ETAL	3/30/99	707/6
XLB		6012051		SAMMON JR ETAL	11/4/00	706/52
XLB		6006218		BREESE ETAL	12/21/99	707/3
XLB		6012052		ALTSCHULER ETAL	11/4/00	707/2
XLB		6014638		BURGE ETAL	11/1/00	705/27
XLB		5978766		LUCIW	11/2/99	705/1
XLB		5977964		WILLIAMS ETAL	11/2/99	345/721
XLB		5974412		HAZLEHURST ETAL	10/26/99	707/3

[illegible]

Examiner Signature	<i>K. L. Baccata</i>	Date Considered	9/25/23
-----------------------	----------------------	--------------------	---------

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Complete If Known

Application Number	09/579,217
Filing Date	5/26/00
First Named Inventor	SZABO
Group Art Unit	276 2/73
Examiner Name	
Attorney Docket Number	SZABO 216

Sheet 2 of 5

Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
XLB		5970486		YOSHIDA ETAL	10/19/99	707/14
XLB		5963645		KIGAWA ETAL	10/5/99	380/239
XLB		5801747		BEDARD	9/1/98	725/46
XLB		5758259		LAWLER	5/26/98	725/45
XLB		5945988		WILLIAMS, ETAL	8/31/99	345/747
XLB		6003597		BARRETT ETAL	12/21/99	725/46
XLB		5973683		CRAGUN ETAL	10/26/99	345/719
XLB		5946490		LIEBERHERR ETAL	8/31/99	717/157
XLB		5920477		HOFFBERG ETAL	7/6/99	382/181
XLB		6014671		CASTELLI ETAL	1/11/00	707/101
XLB		6012053		PANT ETAL	1/4/00	707/3
XLB		5966705		KONERU ETAL	10/12/99	707/9
XLB		6018748		SMITH	1/25/00	715/501.1
XLB		6014634		SCROGGIE, ETAL	1/11/00	705/14
XLB		5974398		HANSON ETAL	6/26/99	705/14
XLB		5933811		ANGLES, ETAL	8/3/99	705/14
XLB		5991735		GERACE	11/23/99	705/10
XLB		5964836		ROWE, ETAL	10/12/99	709/221
XLB		5966126		SZABO	10/12/99	345/762

[illegible]

Date Considered	9/25/03
-----------------	---------

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

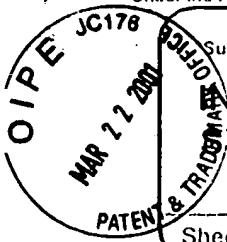
Please type a plus sign (+) inside this box →

PTO/SB/08B (10-96)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

5

Complete if Known

Application Number	09/579,217
Filing Date	5/26/00
First Named Inventor	SZABO
Group Art Unit	2276 2/73
Examiner Name	
Attorney Docket Number	SZABO 216

RECEIVED

Technology Center 2100
MAR 23 2001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
XLB		AGRAWAL, ETAL, "Mining Association Rules Between Sets of Items in Large Databases", Proc of ACM Sig Mod Conf May 93, pp 207-216 IMPROPER - DATE IS NEEDED
		GAINES, ETAL, "Concept Maps as Hypermedia Components"
XLB		AKOULCHINA, ETAL "SATELIT-Agent: An Adaptive Interface based on Learning Interface Agents Technology", User Modeling: Proc of the Sixth Intl Conf um 97, Vienna, NY (1997) IMPROPER - WHOLE TITLE IS NEEDED
		BENAKI, ETAL "Integrating User Modeling Into Information Extraction..." Proc of the Sixth Intl Conf um 97, Vienna, NY (1997)
XLB		MAGLIO, ETAL "How to Build modeling Agents to Support Web Searchers", User Modeling: Proc of the Sixth Intl Conf um 97, Vienna, NY (1997)
XLB		ORWANT, "For want of a bit the user was lost: Cheap user modeling", MIT Media lab, Vol. 35, No 3 & 4 (1996)
		LAMPING, ETAL, "A Focus + Context Technique based on Hyperbolic..." CHI '95 Proceedings IMPROPER - WHOLE TITLE IS NEEDED
XLB		WAP White Paper, Wireless Application Protocol, WIRELESS INTERNET TODAY, 10/1999 http://www.thebrain.com

Examiner Signature

X. L. Baeubila


Date Considered

9/25/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents Washington, DC 20231

Please type a plus sign (+) inside this box → 

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

4

of

5

Complete if Known

Application Number	09/579,217
Filing Date	5/26/00
First Named Inventor	SZABO
Group Art Unit	2116 2173
Examiner Name	
Attorney Docket Number	SZABO 216

Technology Center 2100

MAR 23 2001

RECEIVED

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.
		http://www.bacardir.com
		http://www.thinkmap.com
		WONG, ETAL, "Incremental Document Clustering for Web Page Classification", The Chinese University of Hong Kong, 7/2000
XLB		APPLICATION WAS FILED BEFORE DATE OF DOCUMENT
		WATERWORTH, "A Pattern of Islands: Exploring Public Information Space in a Private Vehicle", Umea University, Sweden, 1996
		SCHAFER, ETAL, "E-Commerce Recommendation Applications"
		SCHAFER, ETAL, "Recommender Systems in E-Commerce"
		SEBASTIANI, "A Tutorial on Automated Text Categorisation"
		SARWAR, ETAL, "Analysis of Recommendation Algorithms for E-Commerce"
		RAFTER, ETAL, "Automated Collaborative Filtering Applications for Online Recruitment Services"
		RESNICK, ETAL, "GroupLens: An Open Architecture for Collaborative Filtering of Netnews"

Examiner
Signature

N. L. Boutele

Date

Considered


9/25/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

COMPLETE DATA NEEDED

Please type a plus sign (+) inside this box → 

PTO/SB/08B (10-96)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

5

of

5

Complete if Known

Application Number	09/579,217
Filing Date	5/26/00
First Named Inventor	SZABO
Group Art Unit	2776 2/73
Examiner Name	
Attorney Docket Number	SZABO 216

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.
		PALIOURAS, ETAL, "Exploiting Learning Techniques for the Acquisition of User Stereotypes and Communities"
		O'CONNOR, ETAL, "Clustering Items for Collaborative Filtering"
		MAKOTO, ETAL, "Cluster-Based Text Categorization: A Comparison of Category Search Strategies"
		LEUNG, ETAL, "Text Summarization for Knowledge Filtering Agents in Distributed Heterogeneous Environments"
		KRICHEL, ETAL, "CITE: an Autonomous Citation Index For Economics"
		KARYPIS, "Evaluation of Item-Based Top-N Recommendation Algorithms"
		HAN, ETAL, "Centroid-Based Document Classification: Analysis & Experimental Results"
		BOLEY, ETAL, "An Unsupervised Clustering Tool for Unstructured Data"
		BISHOP, ETAL, "A Hierarchical Latent Variable Model for Data Visualization"

Examiner
Signature

X-L. Baubata

Date
Considered

9/25/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231